ABSTRACT OF THE DISCLOSURE

A method and apparatus for detecting data modifications in MIB tables utilizes a network device having a table registrar, a notification controller, a table modification recorder and a row

5   modification recorder. A Network Management System (NMS) registers a table to be monitored with the table registrar and enables the notification controller when observation of change notifications is desired. With the assistance of a modification count and a timestamp from the table modification recorder, the NMS can determine whether a modified row should be retrieved from the row modification recorder to find data that has been modified since the last poll.